

Specific heat of the intermetallic...

S/078/61/006/011/002/013
B101/B147

V. Miretskiy (Zh. tekhn. fiz., 10, 316 (1940)) it is assumed that above 600°C the lattice of NiAl undergoes partial disordering under formation of a defective structure. This behavior corresponds to that of isomorphous Fe-NiAl alloys. There are 2 figures and 3 references: 2 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: F. C. Nix, F. E. Jaumot, Phys. Rev., 83 (1951). ✓

SUBMITTED: April 19, 1960

Fig. 1. Dependence of the specific heat on temperature for sample No. 1 (68.6% by weight of Ni).

Legend: (a) after quenching from 1300°C ; (δ) after quenching from 1200°C ; (θ) after repeated heating and previous quenching from 1300°C ; (1) cast sample; (1) c_p , cal/g.deg.

Card 2/12

KHOMYAKOV, K.G.; TRET'YAKOV, Yu.D.; REZNITSKIY, L.A.; PAVLOVA-VEREVKINA, L.A.

Works on ferrates at the general chemistry department over the last five years. Vest.Mosk.Un.Ser.2: Khim. 16 no.5:52-59 S-0 '61.
(MIRA 14:9)

1. Kafedra obshchey khimii Moskovskogo universiteta.
(Ferrates)

S/189/62/000/002/004/004
J228/D302

AUTHORS: Reznitskiy, L.A., and Khomjakov, Kh.G.

TITLE: True heat-capacity of magnesium ferrite

PERIODICAL: Moscow. Universitet. Vestnik. Seriya II, khimiya,
no. 2, 1962, 50 - 52

TEXT: Continuing their research into the thermodynamic properties of ferrites the authors detd. the true heat-capacity of magnesium ferrites by E. King's method in the temp. range 50 - 298°K and by K. Bonnickson's method between 298 and 730°K. The ferrite were prepd. by thermally decompg. an isomorphous mixture of schoenite (ferrite I) and copptd. hydroxides (ferrite II). Graphs of the relationship between the heat-capacity and the temp. show that for ferrite I the Cp-T curve in the region of transition from the ferro- to the paramagnetic state has a lambda-shaped form, with a maximum at 660 °K; in the case of ferrite II, however, the conversion is spread over a larger temp. interval. This difference is attributed to the lower concn. of microscopic heterogeneities in ferrite I as compa-

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True heat-capacity of magnesium ...

S/189/62/000/002/004/004
D228/D302

red with ferrite II. The good coincidence between the authors' values for C_p and those obtained by King is noted. Up to 550°K their data also agree with those of Bonnickson, but at higher temps. the true heat-capacity of magnesium ferrite is above the value, calcd. by him from the differential of the heat-capacity equation. There are 1 figure and 4 references: 2 Soviet -bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: E. King, J. Amer. Chem. Soc. 76, 5849, 1954; K. Bonnickson ibid., 76, 1480, 1954.

ASSOCIATION: Kafedra obshchey khimii (Department of General Chemistry)

SUBMITTED: November 11, 1960

Card 2/2

S/078/62/007/006/003/024
B124/B138

AUTHORS: Tret'yakov, Yu. D., Khomyakov, K. G.

TITLE: Apparatus for measuring the dissociation pressure of ferrites and oxides at high temperatures

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 6, 1962, 1219-1224

TEXT: The direct static method is best suited for measuring the dissociation pressure of ferrites between 10^{-2} mm Hg and 1 atm O_2 corresponding to a temperature variation between 1100 and 1500°C. The diagram of the apparatus (Fig. 1) and the heating system (Fig. 2) are described in detail. Before the experiment the gas in the system is removed by heating to 1500°C for 8 hrs until reaching a vacuum of 10^{-5} mm Hg. The airtightness of the system is checked by disconnecting the pump system and seeing that the vacuum must not fall below 10^{-3} mm Hg in one day. Complete expulsion of the gases adsorbed to the specimens was attained by 18 hr heating to 800°C. The specimen is heated to 1100°C and the

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S/078/62/007/006/003/024

B124/B138

Apparatus for measuring the ...

manometer is read every two minutes until the pressure does not rise any more. Equilibrium dissociation pressure is usually reached within 20-30 min. Then the furnace temperature is raised by 20-30°C, and the initial temperature is re-established after 5-10 min, while the pressures are noted. Measurements also are taken each 50°C up to 1500°C. The test substance is chemically pure Fe_2O_3 , produced by thermal decomposition of Mohr's salt. In some cases analytically pure Fe_2O_3 has been used. The following relation holds for the dissociation pressure as a function of $1/T$: $\log p_{\text{O}_2} \text{ (atm)} = 23,330/T + 13.52$; hence, for the reaction

$(2/3)\text{Fe}_3\text{O}_4 + (1/6)\text{O}_2 \rightleftharpoons \text{Fe}_2\text{O}_3$ between 1100 and 1500°C, the formation heat $\Delta H = 17.80 \pm 0.20$ kcal/mole of Fe_2O_3 , and the heat of formation of Fe_2O_3 from its elements $\Delta H = -191.8$ kcal/mole, which agrees very well with the published value (-192.5 kcal/mole). The change in free energy of the reaction $4\text{Fe}_3\text{O}_4 + \text{O}_2 \rightleftharpoons 6\text{Fe}_2\text{O}_3$ calculated as a function of temperature from the equation $\Delta G^\circ = -4.575 T \log K_A = -4.575 \cdot T \log p_{\text{O}_2}$ is -106.200

Card 2/3

S/078/62/007/006/003/024
B124/B138

Apparatus for measuring the ...

+ 61.51 T(kcal/mole of O₂). There are 4 figures and 1 table. The three most important English-language references are: L. S. Darken, R. W. Gurry, J. Amer. Chem. Soc. 68, 799 (1946); J. Smiltens, J. Amer. Chem. Soc. 79, 4877 (1957); J. P. Coughlin, USA Bureau of Mines, Bull. 542 (1954).

SUBMITTED: June 1, 1961

Card 3/0 3

REZNITSKIY, L.A.; KHOMYAKOV, K.G.

True heat capacity of magnesium ferrite. Vest.Mosk.un.Ser.2:
Khim. 17 no.2:50-52 Mr-Ap '62. (MIRA 15:4)

1. Kafedra obshchey khimii Moskovskogo universiteta.
(Magnesium ferrates) (Heat capacity)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

TRET'YAKOV, Yu.D.; KHOMYAKOV, K.G.

Apparatus for measuring the dissociation pressure of ferrites
and oxides at high temperatures. Zhur.neorg.khim. 7 no.6:
1219-1224 Je '62. (MIRA 15:6)
(Ferrates)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

TRET'YAKOV, Yu.D.; KHOMYAKOV, K.G.

Activity of oxygen above solid solutions of cobalt ferrite
with magnetite. Zhur. neorg. khim. 8 no.11:2569-2572 N '63.
(MIRA 17:1)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
khimicheskiy fakul'tet, kafedra obshchey khimii.

VITING, L.M.; KHOMYAKOV, K.G.

Interaction of ferrites with molten salts and metal oxides.

Vest. Mosk. un. Ser. 2: Khim. 18 no. 5:39-40 S-0 '63.

(MIRA 16:11)

1. Kafedra obshchey khimii Moskovskogo universiteta.

GORDEYEV, I.V.; TRET'YAKOV, Yu.D.; KHOMYAKOV, K.G.

Thermodynamic properties of solid solutions of magnesium oxide
and ferrous oxide. Vest.Mosk.un. Ser.2:Khim. 18 no.6:59-61
N-D '63. (MIRA 17:4)

1. Kafedra obshchey khimii Moskovskogo universiteta.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

SHCHEDRINA, A.P.; OZEROVA, M.I.; KHOMYAKOV, K.G.

Solubility in the system $\text{FeCl}_2 - \text{NiCl}_2 - \text{H}_2\text{O}$. Vest.Mosk.un.
Ser.2:Khim. 18 no.6:62-64 N-D '63. (MIRA 17:4)

1. Kafedra obshchey khimii Moskovskogo universiteta.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

VITING, L.M.; KHOMYAKOV, K.G.

Nature of the interaction of some ferrites with lead oxide.
Vest.Mosk.un. Ser.2:Khim. 18 no.6:74 N-D '63. (MIRA 17:4)

1. Kafedra obshchey khimii Moskovskogo universiteta.

L 22216-65 EWT(m)/EWP(b)/EWP(t) BSD/AEDC(a)/AFETR/ASDP-3/ASMP-2 IJP(e) JD/JW
ACCESSION NR: APL009352 S/0076/64/009/001/0164/0166

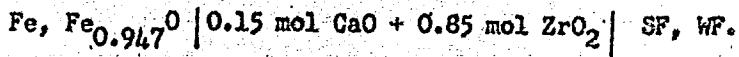
AUTHOR: Cordoyev, I. V.; Tret'yakov, Yu. D.; Khomyakov, K. G.

TITLE: Thermodynamic properties of solid solutions in the $\text{Fe}_3\text{O}_4-\text{MnO}_4$ system.

SOURCE: Zhurnal neorganicheskoy khimii, v. 9, no. 1, 1964, 164-168

TOPIC TAGS: thermodynamic property, magnetite-hausmannite system, dissociation pressure, solid solution

ABSTRACT: The dissociation of $\text{Mn}_{x} \text{Fe}_{3-x} \text{O}_4$ solid solutions in the $\text{Fe}_3\text{O}_4-\text{Mn}_3\text{O}_4$ system was studied by the e.m.f. method in the 900-1200°C range. The dissociation reaction $\text{SF} \rightarrow \text{WF} + \text{O}_2$ (SF —spinel phase, solid solution of varying composition of Fe_3O_4 and Mn_3O_4 ; WF —wustite phase, formed by dissociation of original spinel) was studied in the cell:



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L 22216-65

ACCESSION NR: AP4009352

Reduction of spinel phase proceeds at a stable value of potential, which means that the reduction product, the W phase, does not change the composition of the original spinel phase; the system behaves as a quasibinary system in all concentrations of both components. From the obtained data the dissociation pressures for magnetite-hausmannite solid solutions and free molar energy of formation of the $Mn_x Fe_{3-x} O_4$ from $Mn_3 O_4$ and $Fe_3 O_4$ (Fig. 2) or from MnO and $Fe_2 O_3$ (Fig. 3) were calculated. The system deviates considerably from the ideal (Fig 1). The standard free energy of the $Mn Fe_2 O_4$ formation from elements was determined by extrapolation (Fig. 2), as $\Delta G^\circ = -267.74$ kcal./mol. Orig. art. has 3 figures, 1 table and 6 equations.

ASSOCIATION: Kafedra obshchey khimii, Khimicheskiy fakul'tet, Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Department of General Chemistry, Chemistry Faculty, Moscow State University)

SUBMITTED: 01Jan63

ENCL: 02

SUB CODE: SS

NO REF SCV: 007

OTHER: 008

Card 2/4

L 22216-65

ACCESSION NR: AP4009352

ENCLOSURE: 01

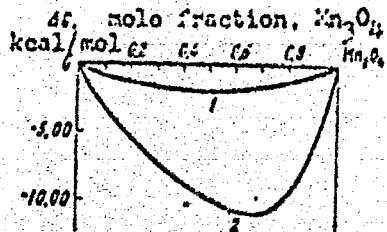


Fig. 1. Molar free energy of formation of $Mn_xFe_{3-x}O_4$ from Mn_3O_4 and Fe_3O_4 at 1000°C.

1 - free energy of formation of ideal solution;

2 - free energy of formation of solid $Mn_xFe_{3-x}O_4$ solution from Mn_3O_4 and Fe_3O_4 .

Card 3/4

ACCESSION NR: AP4009352

ENCLOSURE: 02

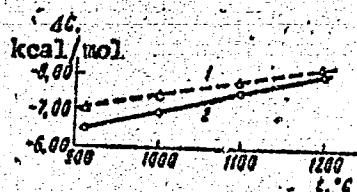


Fig. 2. Molar free energy of formation of MnFe_2O_4 from Mn_3O_4 and Fe_3O_4 oxides (1); from MnO and Fe_2O_3 oxides (2)

Card 4/4

SHCHEDRINA, A.P.; OZEROVA, M.I.; KHOMYAKOV, K.G.

System FeCl₂ - MgCl₂ - H₂O at 15°. Zhur. neorg. khim. 9
no. 3: 724-725 Mr '64. (MIRA 17:3)

1. Kafedra obshchey khimii Khimicheskogo fakulteta
Moskovskogo gosudarstvennogo universiteta.

SHCHEDRINA, A.P.; OZEROVA, M.I.; KHOMYAKOV, K.G.

Solubility in the system $\text{FeCl}_2 - \text{MnCl}_2 - \text{H}_2\text{O}$. Vest. Mosk. un.
Ser. 2: Khim. 19 no. 1: 51-52 Ja-F '64. (MIRA 17:6)

1. Kafedra obshchey khimii Moskovskogo universiteta.

S/0189/64/000/001/0053/0055

ACCESSION NR: AP4014383

AUTHORS: Kucherenko, L. A.; Troshkina, V. A.; Khomyakov, K. G.

TITLE: The effect of alloying on the hardness of NiAl and its solid solutions

SOURCE: Moscow. Univ. Vestn. Ser. II. Khim., no. 1, 1964, 53-55

TOPIC TAGS: alloy, nickel aluminum alloy, nickel aluminum manganese alloy, nickel aluminum iron alloy, nickel aluminum cobalt alloy, nickel aluminum copper alloy, solid solution, annealing hardness

ABSTRACT: Studies were conducted on the effect of small additions of Mn, Fe, Co, and Cu on the hardness of NiAl alloys, where the ratio of Ni:Al was either stoichiometric, or with a 1% excess of either Ni or Al. The alloying of the components was performed by a double melting in an atmosphere of argon, following which the samples were homogenized for 700 hours at temperatures to 1150°C. The hardness of the specimens was tested on a TP type durometer, at a 5-kg load and a 30-second exposure, following annealing from 500, 600, 700, and 800°C downwards to a 5% cooled alkali solution. Microstructural analysis revealed that all of the samples were monophasic, the effect of the additions being reflected only in granular size. It was found that the hardness of the stoichiometric NiAl was

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ACCESSION NR: AP4014383

practically constant up to 600C, with a slight dip within the 600-700C range, followed by substantial rise up to 800C. The addition of 1 or 3% of Mn, Fe, Co, and Cu generally resulted in lowering the hardness of NiAl, except for the 600-700C range. As to the NiAl alloys containing an excess of Ni or Al, it was observed that while alloying with Fe, Co, and Cu resulted in greater hardness (as compared with the alloyed stoichiometric NiAl samples) it still remained approximately at the original level, with some drop in the samples annealed at 800C. The alloying effect of Mn was an exception, the resulting alloys having a hardness superior to the samples alloyed with Fe, Co, and Cu. The alloys containing 3% Mn were superior to the ones containing 1% Mn. Orig. art. has: 1 chart and 1 table.

ASSOCIATION: Kafedra obshchey khimii, Moscow universitet (Department of General Chemistry, Moscow University)

SUBMITTED: 13Apr63

DATE ACQ: 02Mar64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 003

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

VITING, L.M.; KHOMYAKOV, K.G.; GOLUBKOVA, G.P.

Reaction of ferrites with fused salts and metallic oxides. Vest. Mosk. un. Ser. 2: Khim. 19 no. 4: 51-53 Jl-Ag '64.

(MIRA 18:8)

1. Kafedra obshchey khimii Moskovskogo universiteta.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

TROSHKINA, V.A.; KUCHERENKO, L.A.; KHOMYAKOV, K.G.

Effect of small amounts of a third component on the properties
of FeAl. Vest. Mosk. un. Ser. 2:Khim. 20 no.4:57-58 Jl-Ag '65.
(MIRA 18:10)

1. Kafedra obshchey khimii Moskovskogo gosudarstvennogo uni-
versiteta.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KORZHUKOV, N.G.; OZEROVA, M.I.; KHOMYAKOV, K.G.; ONIKIYENKO, L.D.

Fusibility diagram of the system $MgCl_2 - MnCl_2$. Vest. Mosk. un. Ser. 2:Khim. 20 no.4:59-60 Jl-Ag '65. (MIRA 18±10)

1. Kafedra obshchey khimii Moskovskogo gosudarstvennogo universiteta.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

L 57007-65 ENG(j)/ENT(m)/EPF(n)-2/EPR/EWP(t)/EWP(b) Pr-4/Pa-4/Pu-4 IJP(c)
ACCESSION NR: AP5011853 JD/JG UR/0189/65/000/002/0060/0062

AUTHORS: Viting, L. M., Khomyakov, K.G.

TITLE: Reaction of ferrites with salt solutions and oxides of metals

SOURCE: Moscow, Universitet, Vestnik, Seriya 2, Khimiya, no. 2, 1965, 60-62

TOPIC TAGS: ferrite, metal, oxide, salt, ferrite crystallization, single crystal growth, binary system, solvent, lead alloy, molybdenum alloy / ch.d.a. molybdenum anhydrate, Kurnakov pyrometer

ABSTRACT: The nature of $MgFe_2O_4$ reaction with $PbMoO_4$ was investigated in an effort to expand the number of applicable oxidation ferromagnetics used in growing single crystals. A method was developed for the construction of an equilibrium diagram for the system "ferrite-solvent" in the process of searching for new solvents. During thermal analysis of this quasi-binary system, the cooling curves were registered by a Kurnakov pyrometer. The microstructures and chemical compositions of the alloys were then studied. Initial material consisted of lead molybdate obtained by fusion of lead oxide and the "ch.d.a." molybdenum anhydrite

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L 57007-65

ACCESSION NR: AP5011853

in molecular proportion 1:1. Magnesium ferrite ($MgFe_2O_4$) was obtained by the diffusionless method developed by K. G. Khomyakov, Yu. D. Tret'yakov, L. A. Reznitskiy, and A. I. Pavlova-Verevkina (Vestn. Mosk. un-ta, ser. khimii, No. 5, 50, 1961). A total of 22 alloy specimens weighing 15 g each and containing ferrite up to 35 mol.% was studied. The thermogram for each specimen and the data obtained are plotted on the equilibrium diagram shown in Fig. 1 on the Enclosure. According to the diagram, a chemical compound ($4PbMoO_4 \cdot MgFe_2O_4$) was formed, which melted congruently at 1140°C and formed eutectics with lead molybdate and with magnesium ferrite. The microstructures of the quasi-binary alloys obtained were sustained by the thermal analysis data. Chemical analysis of the post-eutectic alloys revealed that the second phase crystals contained 55.8% Fe and 12.1% Mg. It is concluded that the system was truly a quasi-binary cross section of the ternary system $PbMoO_4$ - MgO - Fe_2O_3 , and that ferrite itself and the ferrite-forming oxides (MgO and Fe_2O_3) may be used for growing of ferrite single crystals with the new solvent $PbMoO_4$ in post-eutectic melts containing more than 22 mol.% of ferrites. Orig. art. has: 2 figures.

Card 2/4

L 57007-65

ACCESSION NR: AP5011853

ASSOCIATION: Moskovskiy gosudarstvenny universitet, Kafedra obshchey khimii
(Moscow State University, Department of General Chemistry)

SUBMITTED: 25Jun64

ENCL: 01

SUB CODE: MM

NO REF SOV: 005

OTHER: 000

Card 3/4

VITING, L.M.; KHOMYAKOV, K.G.

Interaction of ferrites with fused salts and metallic oxides.
Vest. Mosk. un. Ser. 2: Khim. 20 no.1:36-37 Ja-F '65.
(MIRA 18:3)

1. Kafedra obshchey khimii Moskovskogo universiteta.

VITING, L.M.; KHOMYAKOV, K.G.

Interaction of ferrites with fused salts and metal oxides. Vest.
Mosk. un. Ser. 2: Khim. 20 no.2:60-62 Mr-Ap '65. (MIRA 18:7)

1. Kafedra obshchey khimii Moskovskogo universiteta.

KRISHKOV, N.S.; CERNOVA, M.I.; KHOMYAKOV, K.S.

Melting diagrams of the systems $\text{FeCl}_3 - \text{CoCl}_2$ and $\text{FeCl}_3 - \text{MnCl}_2$.
Vest.Mosk.un.Ser.2:Khim. 20 no.3:62-63 By-Je '65.

(MIRA 18:8)

I. Kafedra otsichay khimii Moskovskogo universiteta.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KORZHUKOV, N.G.; OZEROVA, M.I.; KHOMYAKOV, K.G.; ONIKIYENKO, L.D.

The system $\text{FeCl}_2 - \text{MgCl}_2$. Zhur.neorg.khim. 11 no.1:202-203
Ja '66.

(MIRA 1981)

1. Submitted January 7, 1965.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

L 07947-67 EWT(1) GD/JXT(GZ)

ACC NR: AT6028974

SOURCE CODE: UR/0000/66/000/000/0042/0047

AUTHORS: Gushchina, Z. M.; Kudryavtsov, V. D.; Tret'yakov, Yu. D.; Fabrikov, V. A.; Khomyakov, K. G.;

ORG: none

39
84

TITLE: Application of zero-diffusion method to the technology of preparing ultra-high-frequency ferrites

SOURCE: Vsesoyuznoye soveshchaniye po ferritam. 4th, Minsk. Fizicheskiye i fizikokhimicheskiye svoystva ferritov (Physical and physicochemical properties of ferrites); doklady soveshchaniya. Minsk, Nauka i tekhnika, 1966, 42-47

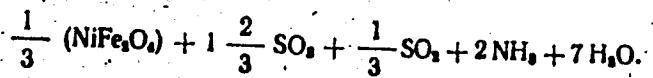
TOPIC TAGS: ultrahigh frequency, ferrite, solid solution, resonance line / P-28 ferrite

ABSTRACT: The ceramic method for preparing UHF ferrites is reviewed and found inadequate. A suggested new method consists of preparing micro-heterogeneous ferrite powders from solid solutions of isomorphic salts. For example, ferrite batches are obtained from solid solutions of schoenite-type double salts which, under heat treatment, yield

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L 07947-67

ACC NR: AT6028974



The ferrites obtained by this zero-diffusion method are found to be dense and sufficiently homogeneous. Resonance absorption line curves plotted against density in the ferrite material show straight lines and, for cases where nondiffusive methods are used, the ferrite density is found to reach 4.86 g/cm^3 with 24- to 30-oersted line widths. A detailed description is given for the preparation of a P-28, Mg-Mn ferrite, using the nondiffusive method. Orig. art. has: 4 figures, 1 formula, and 1 table.

SUB CODE: 11/ SUBM DATE: 22Dec65/ ORIG REF: 005

Card 2/2 ZC

KHOMYAKOV, K.P.; VIRNIK, A.D.; USHAKOV, S.N. [deceased]; ROGOVIN, Z.A.

Synthesis of ester of dextran and pelantanic acid. Khim.prirod.
soed. no.4:245-246 '65.

(MIRA 1961)

I. Moskovskiy tekstil'nyy institut. Submitted March 29, 1965.

L 62712-65 EPT(c)/ENR(j)/ENT(m)/T Fe-oh/Pred
ACCESSION NR: AP5021702

UR/C074/64/033/009/1051/1060

4C

37
B

AUTHOR: Khomyakov, K. P.; Virnik, A. D.; Rogovin, Z. A.

TITLE: Prolonging action of medicinal preparations by combining them with polymers or adding them to polymers

SOURCE: Uspekhi khimii, v. 33, no. 9, 1964, 1051-1060

TOPIC TAGS: polymer, drug treatment, drug

Abstract: To prolong the action of medicinal preparations the following procedures can be used: 1) introduce various substituents into the medicinal molecule, to retard excretion of the preparation from the organism; 2) use complexes or salts of medicinal preparations with low-molecular compounds; 3) prepare special medicinal forms; 4) administer medicinal preparations into the organism as mixtures with polymers; 5) chemically combine medicinal preparations with polymers. The survey examines papers on the use of the latter two methods. The duration of action of novocaine, morphine, insulin, adrenalin, antibiotics, and other medicinal compounds is extended when administered simultaneously with polyvinylpyrrolidone. Prolonged-action medicinal compounds obtained by chemical combination with polymers can be divided into three groups: 1) complexes of preparations with polymers;

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L 62712-65

ACCESSION NR: AP5021702

3

2) medicinal compounds of prolonged action obtained by chemically combining the preparations by ionic bonding to polymers; 3) medicinal preparations of prolonged action obtained by chemical combination of preparations by covalent bonding to polymers. Orig. art. has 1 formula.

ASSOCIATION: Moskovskiy tekstil'nyy institut (Moscow Textile Institute) 44, 55

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NO REF SOV: 066

OTHER: 055

JPES

MC
Card 2/2

KHOMYAKOV, K.P.; PENENZHIK, M.A.; VIRNIK, A.D.; ROGOVIN, Z.A.

Synthesis of dialdehyde and dicarboxyl dextrans. Vysokom. soed. 7 no.6:
1030-1034 Ju '65.
(MIRA 18:9)

1. Moskovskiy tekstil'nyy institut.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, K.I.; VIRNIK, A.D.; USHAKOV, S.N. [deceased]; ROGOVIN, Z.A.;
Prinimal uchastiye: PENEZHIK, M.A.

Synthesis of polymeric medicinal compounds based on dextran derivatives.
Vysokom. soed. 7 no.6:1035-1040 Je '65. (MIRA 18:9)

1. Moskovskiy tekstil'nyy institut.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

ANISIMOV, B.V., doktor tekhn. nauk, prof. (Moskva); KURGANOV, V.D.,
kand. tekhn. nauk (Moskva); KHOMYAKOV, K.S., inzh. (Moskva);
VERETENNIKOV, Yu.N., inzh. (Moskva); NIGAY, A.A., inzh. (Moskva)

Digital display device using a typotron. Elektrichestvo no.8:
52-56 Ag '63. (MIRA 16:10)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, L., podpolkovnik, Geroy Sovetskogo Soyuza

Combat engineer platoon in a mobile obstacle detachment.
Voen. vest. 43 no.2:42-44 F '64. (MIRA 17:1)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

SHUL'MEYSTER, Moisey Vladimirovich. Prinimali uchastiye:
BRILLIANT, M.D.; KHOMYAKOV, M.A.; SAMORODOV, B.P., red.;
GORINA, V.A., tekhn. red.

[Monotype; installation and operation of monotype casting machines in two books] Monotip; ustroistvo i ekspluatatsiya bukvoootlivnykh nabornykh mashin v dvukh knigakh. Moskva, Iskusstvo. Book 2. [Construction of an automatic casting machine] Konstruktsiia otlivnogo avtomata. 1963. 392 p.

[Monotype; a catalog of parts of automatic casting machines. Supplement to book 2 "Konstruktion of an automatic casting machine"] Monotip; spetsifikatsiia-ukazatel' detalei otlivnykh avtomatov. Prilozhenie k knige 2 "Konstruktsiia otlivnogo avtomata." 151 p. (MIRA 17:4)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KUKOLEV, G.V., prof.; NEMETS, I.I.; KHOMYAKOV, M.T.

Method of increasing the turnover capacity of saggers.
Stek.i ker. 19 no.9:25-29 S '62. (MIRA 15:9)
(Saggers)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

PA 20/49T8

KHOMYAKOV, M. V.

USSR/Electricity
Cables, Electric
Cables, High-Voltage

Sep 48

"Maintenance Checks on High-Voltage Cables," M. V.
Khomyakov, Engr, 2 pp

"Elek Stants" No 9

Explains official instructions on subject issued by
Ministry of Electric Stations. These were not
properly understood by L. N. Yerokhin, Engr.

20/49T8

KHOMYAKOV, M.V.

PAL56T28

USSR/Engineering - Compounds, Sealing
Cables, Insulation Dec 49

"Frost-Resistant Sealing Compounds," M. V. Khomyakov,
Engr, 4 pp

"Elek Stants" No 12

Presents results of comparative tests on subject com-
pounds. Concludes that most breakdowns of leads-in
and cable couplings of external equipment are due to
poor-quality sealing compound used. USSR has suitable
raw materials but stricter control of production is
needed.

156T28

KHOMYAKOV, M. V., ENG.

Electric Insulators and Insulation

Using perchlorovinyl enamel (PKhV-26) for covering bakelite insulation. Rab. energ.
2 no. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KHOMYAKOV, M.

Inventories

Simplify inventory of empty glass containers. Bukh. uchet 11 no. 1952.

Monthly List of Russian Accessions. Library of Congress. November 1952. UNCLASSIFIED.

KHONYAKOV, M. V.

Electric Transformers

Transformer drying. Elek. sta. 23, No. 4, 1952 Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, August, 1952 [redacted], Uncl.

1. KHONIYAKOV, M.V.
2. USSR (600)
4. Electric Transformers
7. Problem of operating 3-10 kv line transformers, Rab. energ. 3 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KHOMYAKOV, M.V.

Subject : USSR/Electricity AID P - 1173
Card 1/1 Pub. 29 - 26/31
Author : Khomyakov, M. V.
Title : ~~_____~~ Selection of fuse links for fuses of the SPO-type.
(Letters from readers)
Periodical : Energetik, 11, 37, N 1954
Abstract : In reply to a question from a reader, the author gives a brief explanation and presents a table of rated currents and corresponding fuse link dimensions.
Institution : None
Submitted : No date

KHOMYAKOV, M.V.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722220017-8"

Subject : USSR/Electricity AID P - 1176
Card 1/1 Pub. 29 - 29/31
Author : Khomyakov, M. V.
Title : ~~_____~~ Painting the inside surfaces of transformer oil tanks.
(Letters from readers)
Periodical : Energetik, 11, 38, N 1954
Abstract : In reply to a question from a reader, the author enumerates the accepted kinds of paint.
Institution : None
Submitted : No date

Subject : USSR/Electricity AID P - 1202
Card 1/1 Pub. 29 - 24/27
Author : Khomyakov, M. V.
Title : Permissible gap between the binding screw and operating controls in the switches of the VM-35 type.
(Letters from readers)
Periodical : Energetik, 12, 32-33, D 1954
Abstract : In reply to a question from a reader, the author explains the method of regulating and operating switches of the VM-35 and VMD-35 types and concludes that the gap should not exceed 1 to 2 mm.
Institution : None
Submitted : No date

Khomyakov, M.V.

USSR.

621,317,333 : 621,317,739
2243. Testing of insulation for partial discharges
with the c.r.o. A. I. DOLGINOV, G. G. REMIZOV AND
M. V. KHOMYAKOV. Elekt. Stantsii, 1955, No. 1, 33-5.
In Russian.

For laboratory testing, the test sample is connected in series with an inductance across the secondary of a step-up transformer, the c.r.o. being connected across the inductance. For field testing where the test object is permanently earthed, a separate series combination of capacitance and inductance is connected across the test object. The scheme was applied to maintenance testing of instrument transformers and bushing insulators up to 220 kV. The types of faults discovered in the bushings are listed. E. M. DEMILOVSKI

KHOMYAKOV, M.V.

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 31/35 AID P - 2981
Author : Khomyakov, M. V.
Title : Non-inflammable insulating liquids replacing trans-
former oil
Periodical : Energetik, 5, 38-39, My 1955
Abstract : In reply to a question by a reader, the author
enumerates the liquid dielectrics, namely the
synthetic insulating fluids, which were deve-
loped by the employees of the All-Union Electrical
Engineering Institute under the guidance of the
Laureate of the Stalin Award, Prof. K.A. Andrianov.
These are "Sovol" and organic silicon compounds.
The author describes the characteristics of these
dielectrics.
Institution : None
Submitted : No date

Subject : USSR/Electricity AID P - 3368
Card 1/1 Pub. 29 - 26/27
Author : Khomyakov, M. V.
Title : Washing of filter paper
Periodical : Energetik, 9, 40, S 1955
Abstract : Replying to a question from a reader, the author briefly explains the ways of washing filter paper.
Institution : None
Submitted : No date

KHOMYAKOV, M.V.

Subject : USSR/Electricity AID P - 3439
Card 1/2 Pub. 27 - 6/32
Author : Khomyakov, M. V., Eng.
Title : Experimental data for the determination of transformer moisture content
Periodical : Elektrichestvo, 10, 24-28, 0 1955
Abstract : The author investigates methods of evaluating the degree of moisture of transformer insulation and of possibilities of accelerating the putting into service of new transformers. The author describes the methods used in electric power systems to determine the conditions of transformer insulation. He explains the temperature relations to dielectric losses in the insulation for various conditions: dry, moderately moist, and very moist. He derives a "coefficient of growth of dielectric losses" as a ratio of dielectric losses at 70°C and at 20°C. On the basis

Elektrichestvo, 10, 24-28, O 1955

AID P - 3439

Card 2/2 Pub. 27 - 6/32

of experimental data obtained in power systems, the author demonstrates that certain requirements of transformer producing plants as well as certain methods of investigation prescribed by them are inaccurate or insufficient. The requirement of warming up transformers before putting them into service is also unfounded. One table, 6 diagrams, 1 Soviet reference (1954).

Institution : Moscow Regional Power System Administration

Submitted : Ap 18, 1955

KHOMYAKOV, M.V.

Subject : USSR/Electricity AID P - 3414
Card 1/1 Pub. 29 - 29/30
Author : Khomyakov, M. V.
Title : Taking samples of oil from hermetically-sealed communication capacitors.
Periodical : Energetik, 10, 40, 0 1955
Abstract : Replying to a question from a reader, the author briefly describes the method of taking oil samples from hermetically sealed communication capacitors of the SMR-70-0.044 type.
Institution : None
Submitted : No date

KHOMYAKOV, M.V.

Gluing plastic articles. Energetik 4 no.2:39 F '56. (MILB 9:5)
(Gluing) (Plastics)

KHOMYAKOV, M.V.

Painting metallic supports of transmission lines. Energetik 4
no.3:39-40 Mr. '56.
(Electric lines--Poles) (MLRA 9:6)

KHOMYAKOV, M.V., inzhener.

Design of a nozzle plug for filling circuit breakers with oil without disconnecting. Energetik 4 no. 8:28 Ag '56.
(Electric circuit breakers) (MLRA 9:10)

KHOMYAKOV, M.V.

Oil containers, regeneration of oil and thermosiphon filters.
Energetik 4 no.10:39 O '56.
(Insulating oils) (Filters and filtration) (Oil reclamation)
(MLRA 9:11)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V.

Drying of silica gel. Energetik 4 no.12:33 D '56. (MIRA 10:1)
(Silica)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

621.314.2.048.82 : 621.317.333.4 : 621.316.333.6

✓ 577 DETERMINATION OF THE CHARACTERISTICS
 OF ARTIFICIAL AND ACTUAL TRANSFORMER FAULTS FROM THE COMPOSITION OF
 GASES EVOLVED IN THE GAS RELAY I.S. Aptov and
 M.V. Khomyakov.

Elektro Standard 1946, No. 5, 41-4. In Russian.

An investigation of the composition of gases evolved in the gas relay during artificial and actual transformer faults shows that different quantities of hydrogen are evolved in different faults (sparking between electrodes in oil, carbonization of the solid insulation, damage to contacts of the magnetic core). Also, the amount of oxygen is always less than that in the air entrapped accidentally in the oil and decreases as the fault progresses. Insignificant changes were observed in the composition of air or gas similar to that from a faulty transformer when passed through a quantity of hot transformer oil. Three examples of gas analysis on faulty transformers are given in detail.

E.M. Dembinski

~~KHOMYAKOV, Mikhail Vasil'yevich; GONCHARENKO, G.M., redaktor; FRIDKIN, A.M.,~~
~~tekhnicheskij redaktor~~

[Preventive testing of high-voltage equipment] Profilakticheskie
ispytaniia vysokovol'tnogo oborudovaniia. Moskva, Gos. energ. izd-
vo, 1957. 270 p.
(MIRA 10:5)
(Electric insulators and insulation--Testing)

KHOMYAKOV, M.V.

Insulating oil, its kinds and properties; hermetic transformers
and other questions. Energetik 5 no.2:38-39 F '57. (MLRA 10:3)
(Insulating oils) (Electric transformers)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V.

LITVINOV, A.N., (g. Slavyansk); KHOMYAKOV, M.V.

Thermal indicators of the heat of contacts. Energetik 5 no. 4:37-39
Ap '57.

(MLRA 10:6)

(Thermometry)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

KHOMYAKOV, M.V.

KHOMYAKOV, M.V., inzhener.

More on improving the mastic filler lead-ins for VM-35 and MKP-35
cutout switches. Energetik 5 no.5:11-14 My '57. (MLRA 10:6)
(Electric cutouts)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.L.

APTOV, I.S., inzhener; KHOMYAKOV, M.L., inzhener.

Improving the use of the water system and air coolers in synchronous compensators. Elek. sta. 28 no.6:39-41 Je '57. (MERA 10:8)
(Electric power plants)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

KHOMYAKOV, M. V. (Engr.) (Mosenergo)

"Operating experience with porcelain insulators in a power system."

report presented at the First Technical Conference on the Introduction of New
Techniques into the Electrical Insulator Industry, 12-15 Mar 1958, State Sci.
Tech. Committee of Council of Ministers of USSR.

AUTHOR: Khomyakov, M.V.

SOV-91-58-9-29/29

TITLE: Drying Transformer Oil by a Centrifuge and Other Methods
(Sushka transformatornogo masla tsentrifugoy i drugimi sposobami)

PERIODICAL: Energetik, 1958, p 40 (USSR)

ABSTRACT: In reply to a reader's query, the author points out that milk separators do not have the necessary rotatory speed nor a heater required for separating water from oil. In the absence of a proper oil-cleaning centrifugal apparatus, the oil can be purified and dried either by dry air or by vaporization in a vacuum. There is 1 diagram and 2 Soviet references.

1. Oils--Cleaning 2. Water--Separation 3. Centrifuges--Applications
4. Oils--Moisture factors

Card 1/1

USCOMM-DC-55411

AUTHOR: Khomyakov, M.V. 91-58-7-25/27

TITLE: The Terms of Tests for the Oil of Transformers Equipped with Thermosiphon Filters (Sroki ispytaniya masla transformatorov, oborudovannykh termosifonnymi fil'trami).

PERIODICAL: Energetik, 1958, Nr 7, p 38-39 (USSR)

ABSTRACT: Chebotarenko, from Klyaz'ma, Moscow oblast', asks whether it is permitted to test the above transformers only once a year for the electric breakdown strength, the chemical constants of these transformers being maintained for a long period. The author answers that this question is justified. It would be even sufficient to limit the terms of the abbreviated analyses of transformer oil to once every 3 years and the breakdown tests to once every 3 years. At present, such suggestions are being examined by the Tekhnicheskoye upravleniye MES

Card 1/2

91-58-7-25/27

The Terms of Tests for the Oil of Transformers Equipped with Thermosiphon Filters.

(Technical "MES" Administration), where decisions will be taken and published in the near future.

1. Transformers--Test methods
2. Transformer oils--Test methods

Card 2/2

XHOMYAKOV, M.V.

Dehydrating transformer oil by centrifuges and other means. Energetik
6 no. 9:40 S '58. (MIRA 11:11)
(Dehydration (Chemistry))
(Electric transformers--Equipment and supplies)

AUTHOR:

Khomiyakov, M.V.

SOV/94-58-9-28/30

TITLE:

The use of expansine (O primenenii ekspansina)

PERIODICAL:

Promyshlennaya Energetika, 1958, No.9. pp. 39. (USSR)

ABSTRACT:

This is in reply to a question from A.S. Dayub of Khar'kov, who asks why the example of Germany in using expansine in switchgear instead of transformer oil is not followed. Expansine was developed in Germany during the war when there was a shortage of petroleum products. It is a poor arc suppressing medium and insulating material. Transformer oil is superior to it in both respects and is now used in the German Democratic Republic for small-oil-volume circuit breakers.

1. Switches--Equipment
2. Synthetic oils--Effectiveness
3. Damping oils--Applications

: Card 1/1

Khomyakov, M.V.

AUTHOR: Khomyakov, M.V.

94-4-21/25

TITLE: The Acidification of Oil in Transformers (Ob okislenii masla v transformatorakh)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13, no.4,
p. 37 (USSR).

ABSTRACT: This note is in reply to R.N. Shusterman of Baku, who says that oil is going acid in transformers that have been installed in his works for two or three years. He asks why and what can be done about it. The reply states that oil becomes acid by oxidation, which is promoted by contamination and high temperatures. In recent years, the oil industry has produced insufficiently stable oil, but they also produce an inhibited transformer oil which is much more stable. The use of adsorbent thermo-syphon filters is recommended even for small transformers and the enquirer is told where to obtain information about them.

AVAILABLE: Library of Congress
Card 1/1

AUTHOR: Khomysakov, M.V. SOV/91-59-1-18/26

TITLE: Expansin, Its Composition and Method of Production (Ekspan-
sin, ego sostav i sposob prigotovleniya)

PERIODICAL: Energetik, 1959, Nr 1, pp 33 - 34 (USSR)

ABSTRACT: K.A. Popov from Sverdlovsk asks the following question: Which material can replace the expansin liquid used at potting the on-off switches? What is the composition of expansin? How can it be produced? There is 1 table and 1 Soviet reference included in the answer.

Card 1/1

8(2)

SOV/91-59-5-25/27

AUTHOR: Khom'yakov, M.V.

TITLE: Cleaning of 110 KV Substation Insulators From
Dirt (Ochistka izolyatorov ot zagryazneniy na
podstantsiyakh 110 Kv)

PERIODICAL: Energetik, 1959, Nr 5, pp 38-39 (USSR)

ABSTRACT: This is the reply to a question asked by Yu.Ye. Pyatkov, from Zhdanov, on how the insulators should be cleaned. The reply is as follows: Cleaning the insulators with sand is inadmissible. Good cleaning can be made with the use of gasoline, transformer oil, solvent and special pastes. Where dirt can cement itself, insulators can be coated with ceresin wax, according to an instruction contained in Information Bulletin of ORGRES Nr. E-9/56, of July 1956. Ceresin wax GOST 2488-47 of 57-65 types is good for use in the central areas of the USSR, whereas types 75-80 are good for the southern area.

Card 1/1

KHOMYAKOV, Mikhail Vasil'yavich; STARIKOV, Yevgeniy Sergeyevich;
TATTS, A.A., red.; YATSENKO, G.G., otv. za vypusk; SUKAREVA,
R.A., tekhn.red.

[Concerning the operation of electric substations and networks
at industrial enterprises] Voprosy eksploatatsii setei i pod-
stantsii promyshlennyykh predpriiatii. Moskva, 1959. 59 p.
(Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi
opyt proizvodstva. Seriya: Elektroenergetika, vyp. 6).

(MIRA 14:1)

(Electric substations)
(Electric power distribution)

PHASE I BOOK EXPLOITATION

SOV/4811

Khomjakov, Mikhail Vasil'yevich, and Il'ya Abramovich Yakobson

Termitnaya svarka mnogopravolochnykh provodov liniy elektroperedachi i podstantsiy
(Thermit Welding of Multiwire Conductors for Electric Power Lines and Sub-
stations) Moscow, Gosenergoizdat, 1960. 37 p. (Series: Biblioteka elektro-
montera, vyp. 23) 18,000 copies printed.

Editorial Board: Ye.D. Demidov, A.N. Dolgov, V.V. Yezhkov, A.D. Smirnov, and
P.I. Ustinov; Ed.: Ye.D. Demkov; Tech. Ed.: T.I. Pavlova.

PURPOSE: This booklet is intended for electricians, particularly those working
on electric power lines.

COVERAGE: The booklet is the 23rd issue in the series "The Electrician's Library." The authors present fundamental data on thermit welding as a means of connecting multiwire conductors. They describe methods of assembling conductors (with up to 500 kv current) for welding loops and spans of the LEP (Electric Power Transmission Line). Also discussed are the experiences of the "Mosenergo" (Moscow Regional Power System Administration) and other organizations in the introduction and use of cables welded by the thermit method in the high-voltage networks. No personalities are mentioned. There are no references.
Card 1/1

APTOV, Iosif Solomonovich; KHOMYAKOV, Mikhail Vasil'yevich; DEMKOV, Ye.D.,
red.; BORUNOV, N.I., tekhn.red.

[Maintenance of insulating oil] Ukhod za izoliatsionnym masлом.
Moskva, Gos.energ.izd-vo, 1960. 70 p. (Biblioteka elektro-
monterov, no.27).

(Insulating oils)
(Electric transformers—Maintenance and repair)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M. V.

Standards of electric strength of oil in transformers and electric apparatus. Energetik 8 no.5:38 My '60. (MIRA 13:8)
(Insulating oils)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

KHOMYAKOV, M.V.

Causes of a decrease in the ignition temperature of transformer
insulating oil. Energetik 9 no.4:34 Ap '61. (MIRA 14:8)
(Insulating oils)

KHOMYAKOV, M.V.

Preparation of fuses for high-voltage PSN-10 electric protectors.
Energetik 9 no.7:33-35 Jl '61. (MIRA 14:9)
(Electric fuses) (Electric protection)

KHOMYAKOV, M.V.

Concerning the testing of dielectric gloves. Energetik 9 no.11:35
N '61. (MIRA 14:12)

(Electric engineering—Safety measures)
(Gloves—Testing)

SVI, P.M., inzh.; KHOMYAKOV, M.V., inzh.; CHVANOV, A.V., inzh.

High-frequency flaw detection of the insulation of electric power
transmission lines. Elek. sta. 32 no.12:36-40 D '61.

(MIRA 15:1)

(Electric insulators and insulation--Testing)

(Electric lines)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V.

Concerning the drying of oil in an operating transformer.
Energetik 10 no.1:34-35 Ja '62. (MIRA 14:12)
(Electric transformers)
(Insulating oils--Drying)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V., inzh.

Discussing R.K. Gilenko and N.N. Zamiatin's article "From practices
of using thermit welding for wire splicing." Energetik 10 no.7:19-20
J1 '62.
(Wire-Welding)

(MIRA 15:7)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

KHOMYAKOV, M.V.

Is it possible to substitute technical rubber gloves for dielectric?
Energetik 10 no.7:36 Jl '62. (MIRA 15:7)
(Electric engineering—Safety measures)

KHOMYAKOV, M.V.

A service tower for cleaning the equipment of electric substations.
Prom.energ. 17 no.4:53 Ap '62. (MIRA 15:4)
(Electric substations—Maintenance and repair)

CHUNIKHIN, A.A., kand.tekhn.nauk; KHOMYAKOV, M.V., inzh.; LOGINOV, A.D., teknik

Increase in the switching capacity of VMG-133-II cutouts. Vest.
elektroprom. 33 no.8:56-60 Ag '62. (MIRA 15:7)
(Electric cutouts)

KHOMYAKOV, M.V., inzh.

Concerning G.M. Ganelin and V.V.Ivashov's article "Restoration
of defective ShT-35 insulators." Energetik 9 no.11:31 N '61.

(MIRA 14:12)

(Electric insulators and insulation—Repairing)
(Ganelin, G.M.)
(Ivashov, V.V.)

KHOMYAKOV, M.V.

Possibility of replacing porcelain drawbars of VMG-133 cutouts
with bakelite or textolite. Prom. energ. 17 no.9:60 S '62.
(MIRA 15:8)
(Electric cutouts)

ALEKSEYEV, Sergey Vladimirovich; BAUMSHTEYN, I.A., inzh.; LIBERMAN, A.Ya.; MALOV, V.S.; RAPOPORT, M.I.; FEDOTOV, I.M.; KHOMYAKOV, M.V., inzh.; TSAREV, M.I.; FRIDKIN, L.M., tekhn. red.

[Handbook on high-voltage power distribution networks] Spravochnik po elektricheskim setiam vysokogo napriazheniya. [By] S.V. Alekseev i dr. Izd.4., perer. i dop. Pod obshchey red. M.V. Khomiakova i I.A.Baumshteyna. Moskva, Gosenergoizdat, 1962.

559 p.

(MIRA 15:12)

(Electric power distribution--Handbooks, manuals, etc.)

(Electric lines--Overhead)

KHOMYAKOV, M.V.

Measuring the dielectric losses of insulating oils.
Energetik 10 no.10:34-36 O '62. (MIRA 15:12)
(Insulating oils)
(Electric measurements)

KHOMYAKOV, M.V.

Use of voltage indicators on overhead power transmission
lines. Energetik 11 no.3:26-27 Mr '63. (MIRA 16:4)

(Electric lines—Overhead)
(Electric lines—Safety measures)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V.

Armoring of pin insulators. Energetik 11 no.7-28 Jl '63.
(MIRA 16:8)
(Electric insulators and insulation)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

KHOMYAKOV, Mikhail Vasil'yevich; YAKOBSON, Il'ya Abramovich;
KAMINSKIY, Ye.A., red.; LARIONOV, G.Ye., tekhn. red.

[Thermite welding of multiwire conductors] Termitnaia svarka
mnogoprivlochnykh provodov. Izd.2., dop. i perer. Moskva,
Gosenergoizdat, 1963. 78 p. (Biblioteka elektromontera,
no.88) (MIRA 16:6)

(Electric lines--Welding)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, N. V.

Use of insulating (transformer) oil. Energetik no.9:43-44. S '64.
(MIRA 17:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722220017-8

KHOMYAKOV, M.V.

Insulation of winding leads of 6 kv. TM and TBM power transformers.
Energetik 12 no.5:39 My 164.

Composition of dyes for stamps used in marking protective rubber
materials. Ibid.:39 (MIRA 17:6)

APPROVED FOR RELEASE: 09/17/2001

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KHOMYAKOV, M.V.

Color for permanently marking rubber articles. Prom.energ. 19
no. 2:60 F '64.
(MIRA 17:5)

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